

Recombinant Human ERF1 protein, GST-tagged

Cat. No. ERF1-317H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ERF1 (2-end) protein was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Insect Cells
ProteinLength	2-end a.a.
Description	Eukaryotic peptide chain release factor subunit 1 (eRF1) directs the termination of nascent peptide synthesis (translation) in response to the termination codons UAA, UAG and UGA. Component of the transient SURF complex which recruits UPF1 to stalled ribosomes in the context of nonsense-mediated decay (NMD) of mRNAs containing premature stop codons.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol
Molecular Mass	74 kDa
Purity	The purity of ERF1 was determined to be >95% by densitometry.
Applications	Enzyme Assay; WB
Stability	1 year at -70 centigrade

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Storage Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Concentration 0.1 µg/µL

GENE INFORMATION

Gene Name eukaryotic translation termination factor 1 [Homo sapiens (human)]

Official Symbol ETF1

Synonyms ERF; RF1; ERF1; TB3-1; D5S1995; SUP45L1

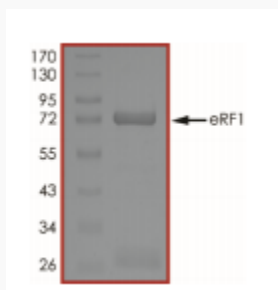
Gene ID 2107

mRNA Refseq NM_004730

Protein Refseq NP_004721

MIM 600282

UniProt ID P62495



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